

CLAIMS

We claim:

Sub 2 7
1. An article of manufacture for use in a data processing system for downloading an application program from a remote data processing system for execution on a local data processing system, said article of manufacture comprising a computer-readable storage medium having a computer program embodied in said medium which causes the data processing system to execute the method steps comprising:

defining and storing a configuration of the application program corresponding to a particular user of the application program;

initiating a session between the local data processing system and the remote data processing system in response to the user requesting the application program;

authenticating the user in response to the user requesting the application program; and

responsive to the user authentication, downloading data from the remote data processing system to the local data processing system according to the stored configuration.

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1 2. The article of manufacture of claim 1 wherein the data processing system is a local data
2 processing system, and wherein the computer program embodied in said medium causes the
3 data processing system to execute the additional method steps comprising:

4
5 encrypting and storing the configuration in a manifest file;

6 decrypting the manifest file to produce a decrypted configuration in response to
7 the user authentication; and

8 downloading data from the remote data processing system to the local data
9 processing system according to the decrypted configuration.

1 3. The article of manufacture of claim 2 wherein the computer program embodied in said
2 medium causes the data processing system to execute the additional method steps comprising:

3 encrypting and storing the configuration in a manifest file stored on the remote
4 data processing system;

5 downloading the manifest file from the remote data processing system to the
6 local data processing system;

7 decrypting the downloaded manifest file to produce a downloaded configuration
8 in response to the user authentication; and

9 downloading data from the remote data processing system to the local data
10 processing system according to the downloaded configuration.

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1 4. The article of manufacture of claim 1 wherein the computer program embodied in said
2 medium causes the data processing system to execute the additional method step comprising:
3 building the application program pursuant to the configuration decrypted from
4 the manifest file responsive to the second authentication.

1 5. The article of manufacture of claim 4 wherein the computer program embodied in said
2 medium causes the data processing system to execute the additional method steps comprising:
3 authenticating the user in a second authentication responsive to the user
4 requesting a build of the application program;

5 decrypting the manifest file responsive to the second authentication; and
6 building the application program pursuant to the configuration decrypted from
7 the manifest file responsive to the second authentication.

1 6. The article of manufacture of claim 1 wherein the configuration comprises data
2 describing the user, the user's application program configuration, and resources for which the
3 user is authorized.

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1 7. A method of downloading an application program from a remote data processing
2 system for execution on a local data processing system, said method comprising the steps of:

3
4 defining and storing a configuration of the application program corresponding to
5 a particular user of the application program;

6 initiating a session between the local data processing system and the remote data
7 processing system in response to the user requesting the application program;

8 authenticating the user in response to the user requesting the application
9 program; and

10 responsive to the user authentication, downloading data from the remote data
11 processing system to the local data processing system according to the stored
12 configuration.

1 8. The method of claim 7 wherein the data processing system is a local data processing
2 system, and wherein said method further comprises the steps of:

3 encrypting and storing the configuration in a manifest file;

4 decrypting the manifest file to produce a decrypted configuration in response to
5 the user authentication; and

6 downloading data from the remote data processing system to the local data
7 processing system according to the decrypted configuration.

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1 9. The method of claim 8 further comprising the steps of:

2 encrypting and storing the configuration in a manifest file stored on the remote
3 data processing system;

4 downloading the manifest file from the remote data processing system to the
5 local data processing system;

6 decrypting the downloaded manifest file to produce a downloaded configuration
7 in response to the user authentication; and

8 downloading data from the remote data processing system to the local data
9 processing system according to the downloaded configuration.

1 10. The method of claim 7 further comprising the step of:

2 building the application program pursuant to the configuration decrypted from
3 the manifest file responsive to the second authentication.

1 11. The method of claim 10 further comprising the steps of:

2 authenticating the user in a second authentication responsive to the user
3 requesting a build of the application program;

4 decrypting the manifest file responsive to the second authentication; and

5 building the application program pursuant to the configuration decrypted from
6 the manifest file responsive to the second authentication.

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- 1 12. The method of claim 7 wherein the configuration comprises data describing the user,
- 2 the user's application program configuration, and resources for which the user is authorized.

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1 13. A computer system for use in a data processing system for downloading an application
2 program from a remote data processing system for execution on a local data processing system,
3 said computer system comprising:

4
5 a stored configuration of the application program corresponding to a particular
6 user of the application program;

7 a session between the local data processing system and the remote data
8 processing system in response to the user requesting the application program;

9 an authentication of the user in response to the user requesting the application
10 program; and

11 a downloader, responsive to the user authentication, for downloading data from
12 the remote data processing system to the local data processing system according to the
13 stored configuration.

1 14. The computer system of claim 13 further comprising:

2 a manifest file comprising an encrypted configuration;

3 a decryptor for decrypting the manifest file in response to the user
4 authentication; and

5 a downloader for downloading data from the remote data processing system to
6 the local data processing system according to the stored configuration.

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1 15. The computer system of claim 14 further comprising:

2 a manifest file comprising an encrypted configuration stored on the remote data
3 processing system;

4 a downloader for downloading the manifest file from the remote data processing
5 system to the local data processing system;

6 a decryptor for decrypting the manifest file in response to the user authentication
7 to produce a downloaded configuration; and

8 a downloader, responsive to the user authentication, for downloading data from
9 the remote data processing system to the local data processing system according to the
10 downloaded configuration.

1 16. The computer system of claim 13 further comprising:

2 an application builder for building the application program pursuant to the
3 configuration decrypted from the manifest file responsive to the second authentication.

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- 1 17. The computer system of claim 16 further comprising:
- 2 a second authentication responsive to the user requesting a build of the
- 3 application program;
- 4 a decryptor for decrypting the manifest file responsive to the second
- 5 authentication; and
- 6 an application builder for building the application program pursuant to the
- 7 configuration decrypted from the manifest file responsive to the second authentication.

- 1 18. The computer system of claim 13 wherein the configuration comprises data describing
- 2 the user, the user's application program configuration, and resources for which the user is
- 3 authorized.

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